

# 2013 Assessment Report

Property comprising the following Claim:

## **Galena Claim**

Located in the:

Keno Hill Area

Mayo Mining District

Yukon Territory, Canada

N.T.S. 105M14

UTM NAD 83, Zone 8

Easting: 487,200

Northing: 7,090,500

## **Prepared For:**

Elsa Reclamation & Development Company Ltd.

of

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## **Prepared By:**

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Date Work Performed: August 10<sup>th</sup>, 2013

Date of Report: November 30<sup>th</sup>, 2013

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## 1.0 Summary

On the 10<sup>th</sup> day of August 2013, eleven soil samples were collected from a single line of samples across the Galena claim.

Results show three samples with elevated levels of silver and one corresponding elevated lead/zinc sample on the northern portion of the claim. Anomalous levels of arsenic and zinc were also returned.

## 2.0 Introduction

This report summarizes work carried out on the Galena claim that was completed for Elsa Reclamation & Development Company Ltd. Eleven soil samples were collected for the purpose of exploration assessment by Alexco Resource Corp. staff over a 1 day period on August 10<sup>th</sup>, 2013.

## 3.0 Location and Access

The Galena claim is located within the Mayo Mining District, central Yukon approximately 350 km north of Whitehorse (Figure 1). The claim is situated on Keno Hill and can be accessed by seasonal mining roads and or tracks to the north of Keno City. The claim lies on the northern edge of Erickson Gulch immediately east of the Lucky Queen, Black Cap, and Brewis Red Lake historical mine workings. The northwestern corner of the claim is only 30 metres from the nearest underground portion of the Lucky Queen adit. The base of operations for Alexco from which the work was carried out was Elsa, an abandoned mining town located 14 km west of Keno City on the Silver Trail Highway.

The claim location is shown in Figure 2. The area is covered by NTS map sheet 105M14 with the centre of the claim block located at 487,200 East and 7,090,500 North. Coordinates are in a UTM NAD 83, Zone 8 map projection datum.

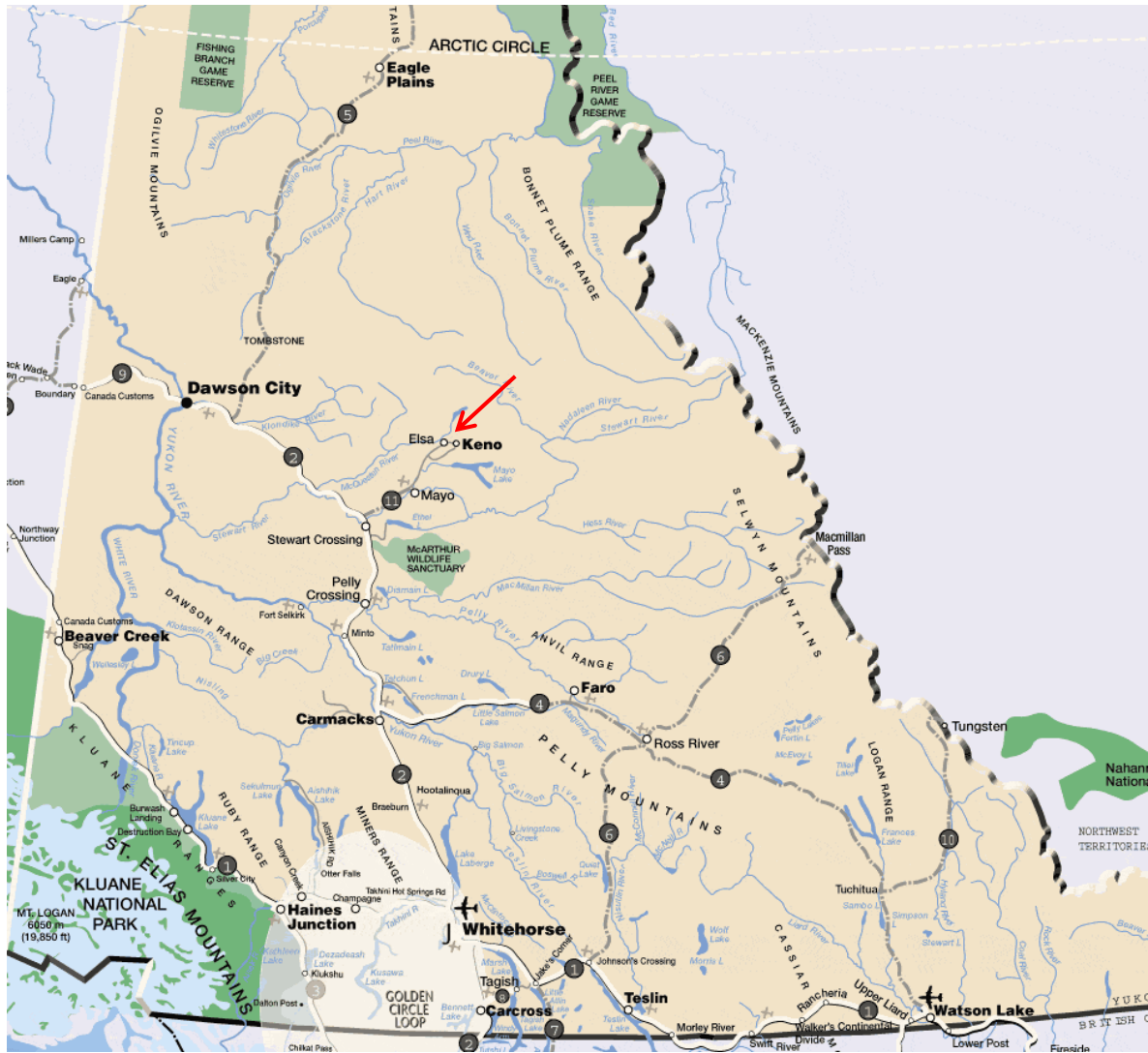


Figure 1. General location of the Galena Quartz claim, Yukon Territory.

#### 4.0 Claim Status

The Galena claim is active and was originally staked in 1984. Prior to current work, the claim had an expiry date of December 31, 2013. One prior assessment report was found for the Galena claim (Anderson et al, 2008). This report has been filed with the Yukon Government, Energy, Mines, and Resources branch. It is available online and referenced below.

Details for the Galena claim can be found in Appendix 1. A list of personnel and work expenditures are included in Appendices 2 and 3 respectively.

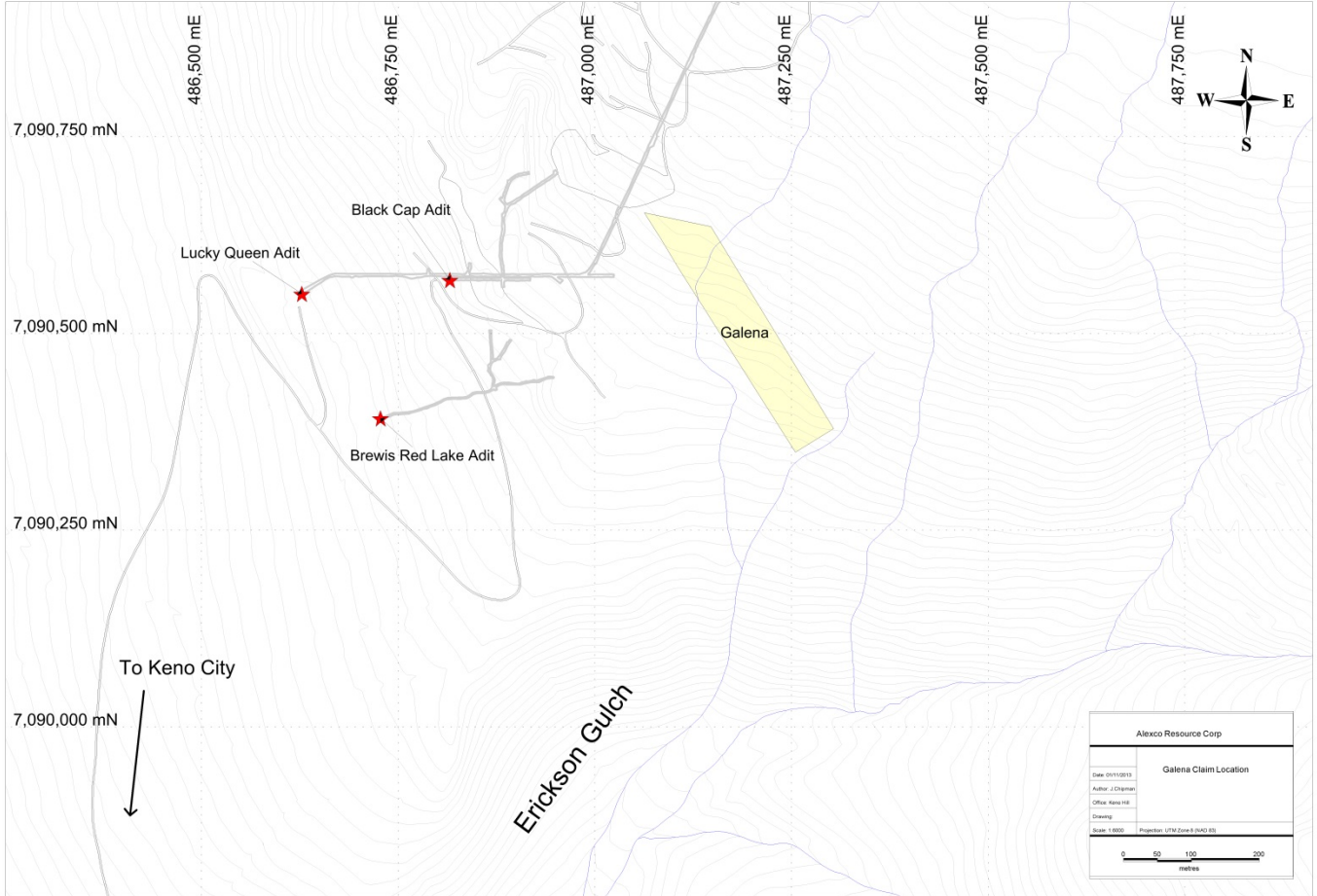


Figure 2. Location of the Galena claim on Keno Hill.

## 5.0 Regional Geology

The Keno Hill area containing the assessed claim is composed primarily of metasedimentary rocks deposited on the Neoproterozoic to Paleozoic continental margin located on the western margin of the Selwyn Basin (Murphy, 1997). These sediments were subject to greenschist facies regional metamorphism during the Jurassic and Cretaceous periods when compressional tectonics produced extensive folding, and imbricated thrust sheets. In the mid-Cretaceous these rocks were subject to further tectonic activity resulting in extensive brittle deformation and emplacement of igneous intrusives.

The Groups that underlie the Keno Hill area and host most of the past producing silver deposits are the Mississippian Keno Hill Quartzite, the Devonian Earn Group, and the Triassic meta-gabbroic sills.

## 6.0 Local Geology

Little outcrop is exposed on the Galena claim but its stratigraphic position is well constrained from geological mapping (McOnie and Read, 2009) surrounding the claim (Figure 3). The claim straddles the lower stratigraphic boundary of the Basal Quartzite Member (MKq) of the Keno Hill Quartzite and the upper boundary of the Earn Group schist comprised of the grey graphitic schist (DEg) and silvery green chloritic-sericite schist (DEc). A stratigraphic column for the Keno Hill area is shown in Figure 4. The Basal Quartzite Member of the Keno Hill Quartzites is exposed to the west of the claim in the Black Cap open pit while the Earn Group schists are exposed on the slopes of Erickson Gulch to the south.

The Galena claim is located in the hanging wall of the Lucky Queen - Black Cap Vein system being only 30 metres east of the nearest underground workings.

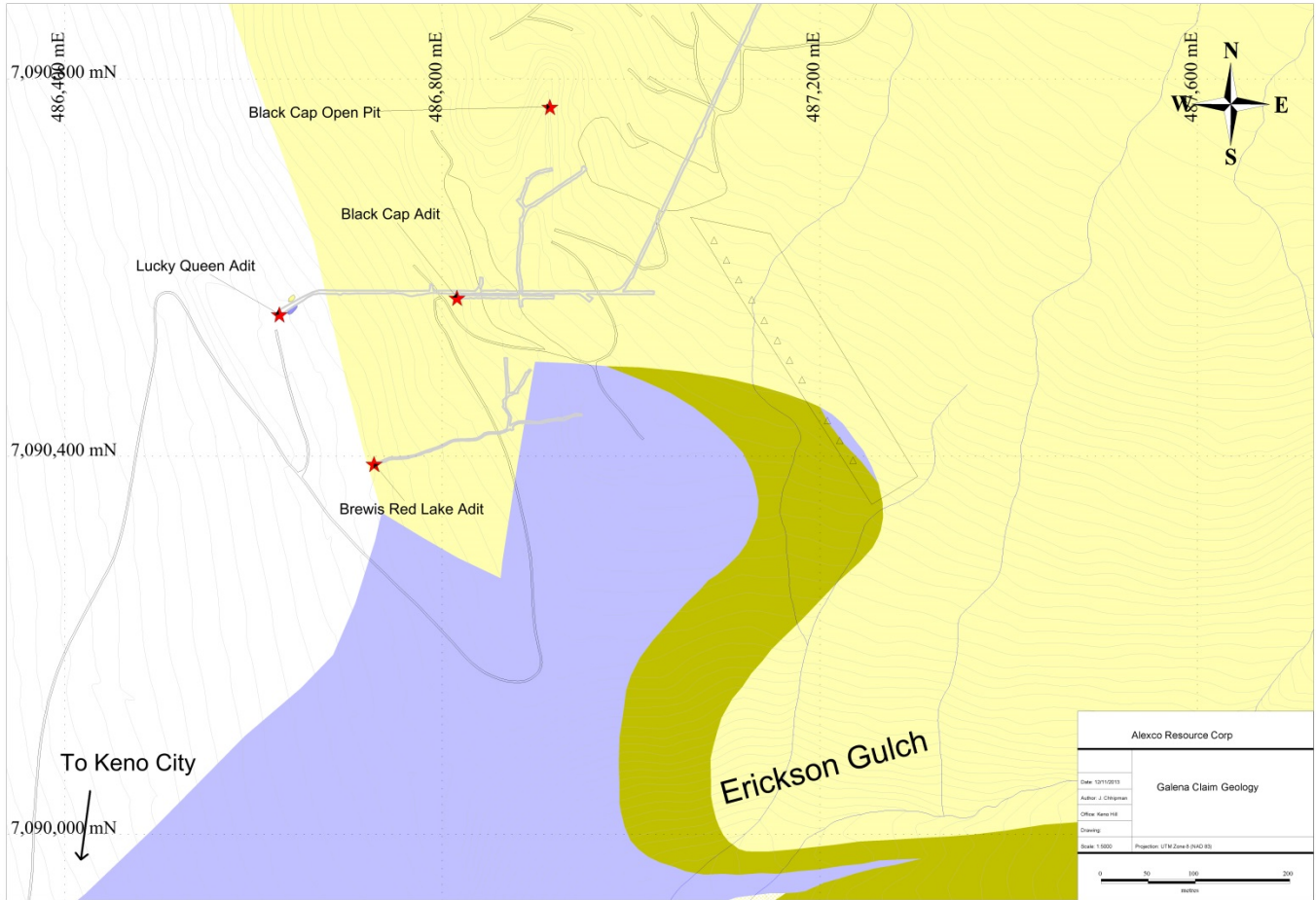


Figure 3. Local geology of the Galena claim. Geology from McOnie & Read, 2009. For legend see Figure 4.



## 7.0 Soil Assessment and Results

One line of soil samples was collected in a south-east to north-west transect along the Galena claim (Figure 5 & 6). In total 11 samples were collected at 25 metre spacings with the best attempt made to sample the more prospective “B” soil horizon. Samples were taken using a combination of shovels and or trowels and placed in paper sample bags for storage, each marked with its own sample number. All relevant data for each sample was recorded in the field then transferred to a digital format as shown in Appendix 4 below.

All samples were assayed for a 51 trace element analysis by Aqua regia, ICP-MS and ICP-AES by ALS Minerals Laboratory, North Vancouver, BC.

A copy of results, from certificate WH13163141 (finalized on the 23<sup>rd</sup> of September) is shown in Appendix 5.

## Results

Soil sample assay results are considered to be anomalous if the value is equal to or exceeds twice the established background level for that element. Background element values generally associated with mineralization for the Keno Hill area are:

Ag..... 0.5 ppm  
 Au..... 50 ppb  
 Pb..... 40 ppm  
 Zn..... 100 ppm  
 Cu..... 35 ppm  
 As..... 50 ppm  
 Sb..... 5 ppm

Three of the eleven soil samples returned anomalous silver values with one sample having a corresponding anomalous lead value. Table 1 shows the geochemical range of soil values received, highlighted in the table are the maximum anomalous values obtained for silver (1.95 ppm), arsenic (65.70 ppm), and lead (97.6ppm). The three samples anomalous in silver ± lead anomaly are all adjacent each other in the northwestern portion of the claim block.

The location of samples is shown in Figures 5 while anomalous values for silver and lead are shown in Figure 6.

**Table1. Range of Geochemical Soil values for the Galena Claim.**

Element	Minimum	Maximum	Mean	SD	Percentile25	Percentile50	Percentile75	Percentile90
Au_ME_MS41L_ppm	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.01
Ag_ME_MS41L_ppm	0.05	1.95	0.68	0.62	0.23	0.41	1.10	1.40
Al_ME_MS41L_pct	0.41	2.11	1.33	0.48	1.11	1.47	1.55	1.80
As_ME_MS41L_ppm	7.45	65.70	23.26	16.01	14.33	18.25	25.40	35.20
B_ME_MS41L_ppm	-10.00	-10.00	-10.00	0.00	-10.00	-10.00	-10.00	-10.00
Ba_ME_MS41L_ppm	22.70	281.00	129.54	69.42	86.55	111.50	160.75	190.00
Be_ME_MS41L_ppm	0.05	0.59	0.31	0.14	0.23	0.32	0.38	0.43
Bi_ME_MS41L_ppm	0.17	0.28	0.21	0.04	0.17	0.21	0.25	0.26
Ca_ME_MS41L_pct	0.03	0.18	0.09	0.04	0.07	0.09	0.11	0.15
Cd_ME_MS41L_ppm	0.06	1.44	0.58	0.41	0.28	0.52	0.80	1.02
Ce_ME_MS41L_ppm	18.80	47.40	26.69	8.01	22.00	24.80	28.05	33.30
Co_ME_MS41L_ppm	1.48	14.90	7.30	3.77	4.91	6.89	9.60	10.50
Cr_ME_MS41L_ppm	9.51	29.40	21.91	6.22	17.50	23.80	26.25	28.20
Cs_ME_MS41L_ppm	0.40	1.66	1.02	0.39	0.85	0.90	1.20	1.66
Cu_ME_MS41L_ppm	4.86	27.10	15.74	6.98	10.25	15.20	20.58	23.70
Fe_ME_MS41L_pct	0.92	3.36	2.61	0.69	2.64	2.85	2.94	3.06
Ga_ME_MS41L_ppm	2.59	7.57	5.20	1.53	4.43	4.71	6.21	7.08
Ge_ME_MS41L_ppm	0.03	0.09	0.05	0.02	0.04	0.04	0.05	0.06
Hf_ME_MS41L_ppm	0.00	0.08	0.02	0.02	0.01	0.02	0.03	0.03
Hg_ME_MS41L_ppm	0.01	0.13	0.07	0.03	0.06	0.07	0.08	0.09
In_ME_MS41L_ppm	0.01	0.03	0.02	0.01	0.02	0.02	0.02	0.03
K_ME_MS41L_pct	0.02	0.06	0.04	0.01	0.03	0.04	0.05	0.06
La_ME_MS41L_ppm	9.23	25.20	13.77	4.30	11.33	12.90	14.20	16.80
Li_ME_MS41L_ppm	1.00	18.10	11.05	5.43	7.65	11.20	15.05	17.90
Mg_ME_MS41L_pct	0.03	0.47	0.25	0.12	0.18	0.28	0.32	0.33
Mn_ME_MS41L_ppm	49.60	630.00	342.87	177.37	231.75	378.00	454.50	530.00

Mo_ME_MS41L_ppm	0.97	1.91	1.42	0.27	1.30	1.37	1.47	1.88
Na_ME_MS41L_pct	0.00	0.01	0.01	0.00	0.01	0.01	0.01	0.01
Nb_ME_MS41L_ppm	0.40	1.69	1.05	0.41	0.80	1.12	1.30	1.45
Ni_ME_MS41L_ppm	3.41	38.40	17.39	9.24	11.15	18.40	20.58	22.50
P_ME_MS41L_pct	0.01	0.11	0.05	0.03	0.04	0.05	0.06	0.08
Pb_ME_MS41L_ppm	12.65	97.60	31.32	23.96	17.95	23.50	31.45	45.90
Pd_ME_MS41L_ppm	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Pt_ME_MS41L_ppm	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rb_ME_MS41L_ppm	1.94	10.10	6.80	2.63	5.16	6.37	9.05	9.41
Re_ME_MS41L_ppm	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
S_ME_MS41L_pct	-0.01	0.04	0.01	0.02	-0.01	0.01	0.02	0.03
Sb_ME_MS41L_ppm	0.72	3.00	1.33	0.66	0.90	1.16	1.61	1.76
Sc_ME_MS41L_ppm	0.75	3.38	2.08	0.86	1.70	2.06	2.63	3.18
Se_ME_MS41L_ppm	0.40	1.00	0.70	0.17	0.60	0.70	0.80	0.90
Sn_ME_MS41L_ppm	0.25	0.94	0.52	0.22	0.40	0.51	0.59	0.87
Sr_ME_MS41L_ppm	4.62	14.05	9.54	2.90	7.70	9.96	10.88	13.55
Ta_ME_MS41L_ppm	-0.01	0.01	0.00	0.01	-0.01	-0.01	0.00	0.01
Te_ME_MS41L_ppm	0.02	0.06	0.03	0.01	0.03	0.03	0.04	0.05
Th_ME_MS41L_ppm	0.09	6.41	2.55	1.83	1.76	2.17	3.21	4.58
Ti_ME_MS41L_pct	0.03	0.06	0.04	0.01	0.04	0.04	0.05	0.05
Tl_ME_MS41L_ppm	0.07	0.14	0.11	0.03	0.08	0.11	0.13	0.14
U_ME_MS41L_ppm	0.33	1.00	0.67	0.24	0.49	0.60	0.87	0.98
V_ME_MS41L_ppm	25.70	68.80	51.24	11.83	46.90	53.50	56.60	65.50
W_ME_MS41L_ppm	0.17	0.44	0.32	0.08	0.26	0.35	0.36	0.38
Y_ME_MS41L_ppm	1.45	11.10	3.73	2.72	2.40	2.92	3.56	6.01
Zn_ME_MS41L_ppm	18.90	181.00	77.35	43.22	51.95	75.90	89.40	105.50
Zr_ME_MS41L_ppm	0.18	2.95	0.91	0.80	0.46	0.59	1.10	1.65

## 8.0 Conclusions and Recommendations

The results are encouraging but not over all surprising given the proximity to the Lucky Queen, Black Cap, and Brewis Red Lake Vein systems. The anomalous samples exist in the immediate hanging wall of the Lucky Queen vein system. It should be noted also that the sample cluster straddles a creek that feeds into Erickson Gulch and may have elevated values not related to the immediate claim block. Given the detailed work and accompanying knowledge from both the historical and present day underground development carried out by Alexco Resource Corp. on the Lucky Queen Mine, this area is already subject to advanced exploration and development.

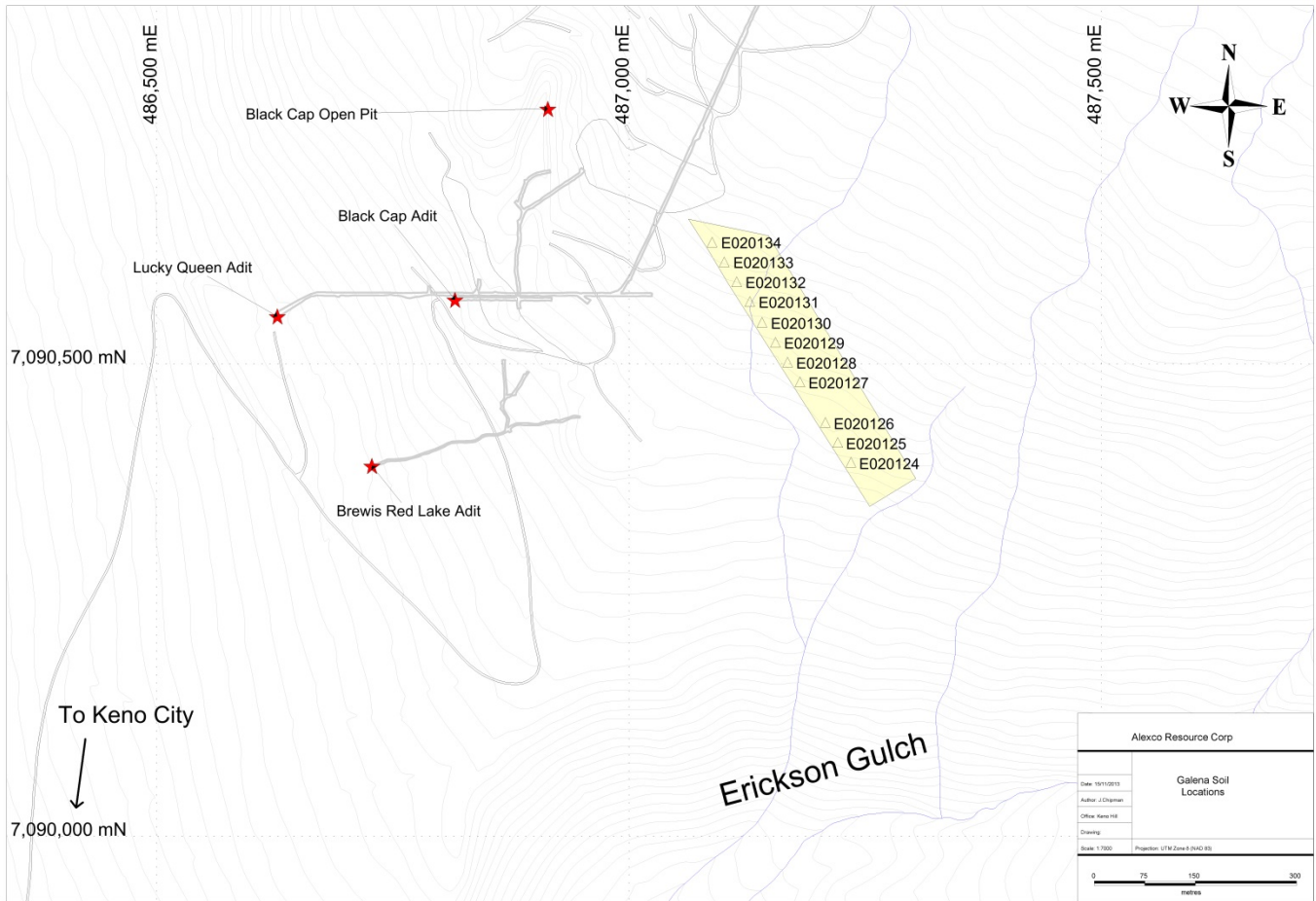


Figure 5. Location of the 11 Soil Samples.

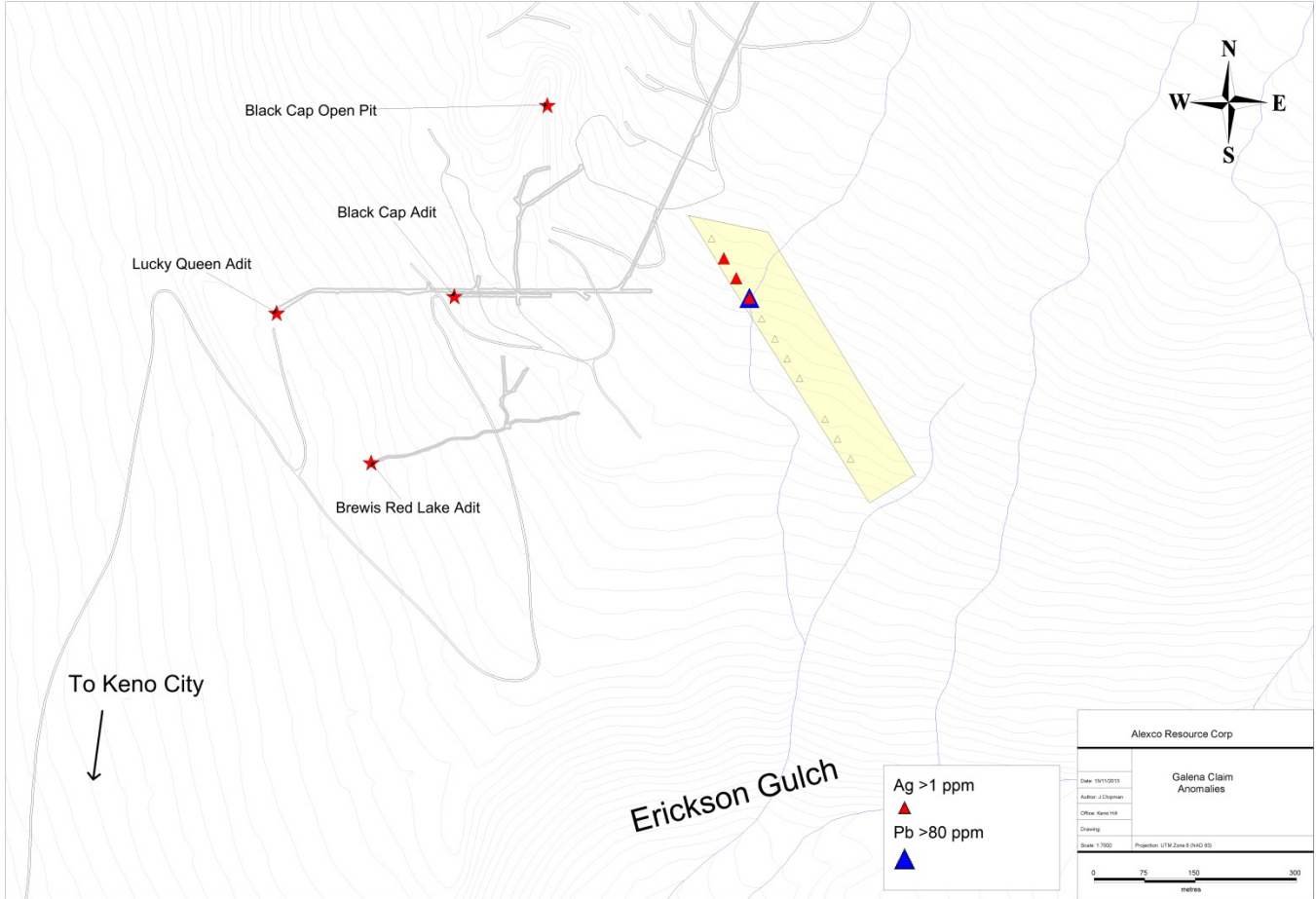


Figure 6. Highlighted symbols show anomalous silver and lead values.

## 9.0 List of References

Anderson, K., Lippoth, R., Dodd, S., 2008, 2008 geological, geochemical and XRF assessment report on the Keno Hill property. YGS Assessment Report Reference 095661.

McOnie, A and P.B. Reid. 2009. Stratigraphy, Structure, and Exploration Opportunities Sourdough, Galena and part of Keno Hills, Keno Hill Mining Camp, Central Yukon. Internal Report Alexco Resource Corp.

Murphy, D.C., 1997. Geology of the McQuesten River Region, Northern McQuesten and Mayo Map Areas, Yukon Territory (11P/14, 15, 16; 105M/13,14).  
Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Bulletin 6.

## Appendix 1

### List of claims

Quartz_cla	Grant_num	Drafting_t	Regulation	Tenure_sta	Claim_labe	Owner_name	Staking_da	Recorded_d	Expiry_dat	District_n
185178036	YA77506	Quartz	Q	Active	Galena	Elsa Reclamation & Development Company Ltd. - 100%	06-Jun-84	13-Jun-84	31-Dec-13	Mayo

## Appendix 2

### List of Personnel

#### **Jared Chipman**

541 Saunders Road  
Deerfield, Nova Scotia  
B5A 5N7

#### **Dave Slocombe**

#306 – 1685 West 13<sup>th</sup> Ave  
Vancouver, BC

#### **Matthew McMahon**

25 Gadsby Ave  
Welland, Ont  
L3C 1A8

### Appendix 3

#### Statement of Expenditures

Claim name	Grant numb	Owner	Field Staff and Reporting	Camp Overhead	Vehicles - support	Analytical	Est. Total
Galena	YA77506	Elsa Reclamation & Development Company Ltd.	\$1,065.00	\$342.00	\$110.00	\$365.00	\$1,882.00

### Appendix 4

#### Soil Sample Descriptions

Sample Number	East	North	Claim	Depth (cm)	Horizon	Color	Silt%	Clay%	Organic%	Gravel%	Sand%	Comments
E020124	487235	7090396	Galena	10	A	Brown	20	15	40	10	15	Moss / vegetation on slope.
E020125	487221	7090417	Galena	10	A	Brown	20	30	30	5	15	Alluvium on side of hill, little vegetation
E020126	487208	7090438	Galena	20	A	Brown	20	30	30	5	15	Alluvium on side of hill, little vegetation
E020127	487181	7090481	Galena	10	A	Light-Brown	40	10	5	20	25	Alluvium on side of hill, little vegetation
E020128	487168	7090502	Galena	10	A-B	Grey-Brown	20	40	5	10	25	Vegetation between boulders, Alluvium
E020129	487155	7090523	Galena	25	A-B	Red Brown-Grey	15	45	5	15	20	Frost Boil
E020130	487141	7090544	Galena	20	C	Dark Grey	25	35	20	5	10	Vegetation between boulders, Alluvium
E020131	487128	7090566	Galena	25	A-B	Brown-Grey	35	20	10	5	15	Bouldery vegetative area
E020132	487114	7090587	Galena	15	A	Brown	20	25	15	20	20	Bouldery and mossy
E020133	487101	7090608	Galena	10	A	Brown	20	25	15	20	20	Bouldery and mossy
E020134	487088	7090629	Galena	20	A-B	Brown-Grey	25	25	15	15	20	Bouldery and mossy

## Appendix 5

### Soil Sample Assays

Sample Number	Wt_WEI21_kg	Au_ME_M_S41L_ppm	Ag_ME_MS41L_ppm	Al_ME_MS41L_pct	As_ME_MS41L_ppm	B_ME_MS41L_ppm	Ba_ME_M_S41L_ppm	Be_ME_M_S41L_ppm	Bi_ME_MS41L_ppm	Ca_ME_M_S41L_pct	Cd_ME_M_S41L_ppm	Ce_ME_M_S41L_ppm	Co_ME_M_S41L_ppm	Cr_ME_MS41L_ppm	Cs_ME_MS41L_ppm	Cu_ME_M_S41L_ppm	Fe_ME_MS41L_pct	Ga_ME_M_S41L_ppm	Ge_ME_M_S41L_ppm	Hf_ME_MS41L_ppm
E020124	0.22	0.0041	0.366	1.22	17.8	-10	156	0.37	0.167	0.15	0.63	33.3	10.2	22.5	0.907	23.7	2.59	3.49	0.048	0.024
E020125	0.11	0.0032	0.895	1.51	27.8	-10	111.5	0.24	0.241	0.09	0.524	21.4	6.77	27.6	1.37	18.95	2.77	4.71	0.041	0.008
E020126	0.11	0.0022	0.41	0.99	23	-10	281	0.2	0.282	0.12	0.96	20.1	5.09	17.15	1.035	9.44	1.76	6.15	0.033	0.003
E020127	0.26	0.0021	0.26	2.11	14.45	-10	190	0.59	0.196	0.1	0.364	28.8	14.9	29.4	0.883	22.2	2.98	4.48	0.052	0.079
E020128	0.24	0.002	0.054	0.41	7.45	-10	22.7	0.05	0.257	0.03	0.059	27.3	1.475	9.51	0.397	4.86	0.92	7.57	0.042	0.012
E020129	0.17	0.0028	0.199	1.47	14.2	-10	89.5	0.21	0.219	0.06	0.201	18.8	4.73	24.9	0.829	11.05	3.36	6.27	0.038	0.016
E020130	0.35	0.0021	0.534	0.77	35.2	-10	165.5	0.32	0.18	0.18	1.02	47.4	10.5	15.25	1.655	27.1	2.89	2.59	0.088	0.026
E020131	0.17	0.0172	1.95	1.8	65.7	-10	151.5	0.43	0.212	0.09	1.44	24.8	6.89	28.2	1.655	17.6	3.06	5.98	0.039	0.017
E020132	0.27	0.0035	1.3	1.51	18.25	-10	84.3	0.34	0.168	0.09	0.568	22.6	7.54	24.9	0.764	15.2	2.88	4.38	0.031	0.022
E020133	0.25	0.006	1.4	1.59	19.75	-10	88.8	0.39	0.166	0.07	0.424	23.7	9	23.8	0.872	14.85	2.69	4.51	0.055	0.032
E020134	0.25	0.0016	0.136	1.22	12.25	-10	84.1	0.26	0.253	0.04	0.194	25.4	3.21	17.85	0.903	8.15	2.85	7.08	0.045	0.008

Sample Number	Hg_ME_M_S41L_ppm	In_ME_MS41L_ppm	K_ME_MS41L_pct	La_ME_MS41L_ppm	Li_ME_MS41L_ppm	Mg_ME_M_S41L_pct	Mn_ME_M_S41L_ppm	Mo_ME_M_S41L_ppm	Na_ME_M_S41L_pct	Nb_ME_M_S41L_ppm	Ni_ME_MS41L_ppm	P_ME_MS41L_pct	Pb_ME_MS41L_ppm	Pd_ME_MS41L_ppm	Pt_ME_MS41L_ppm	Rb_ME_M_S41L_ppm	Re_ME_M_S41L_ppm	S_ME_MS41L_pct	Sb_ME_MS41L_ppm	Sc_ME_MS41L_ppm
E020124	0.07	0.02	0.05	16.8	11.2	0.32	530	1.3	0.005	0.821	21.9	0.079	23.5	0.001	-0.002	6.37	-0.001	0.01	1.71	2.96
E020125	0.133	0.019	0.06	12	10.1	0.32	265	1.88	0.005	0.781	19.15	0.074	45.9	0.002	-0.002	8.81	-0.001	0.04	1.515	1.885
E020126	0.063	0.008	0.06	11.3	5	0.17	415	1.37	0.004	0.418	11.05	0.054	29.8	0.002	-0.002	10.1	-0.001	0.03	0.895	0.751
E020127	0.053	0.027	0.05	13.65	15.6	0.47	477	1.18	0.007	1.205	22.5	0.052	19	0.002	-0.002	9.41	-0.001	0.02	0.979	3.38
E020128	0.014	0.005	0.02	14.75	1	0.03	49.6	0.97	0.003	1.39	3.41	0.012	12.65	-0.001	-0.002	1.94	-0.001	0.01	0.718	0.857
E020129	0.085	0.021	0.03	9.23	12.9	0.23	198.5	1.46	0.008	1.685	11.25	0.039	16.9	-0.001	-0.002	3.85	-0.001	0.01	0.912	1.725
E020130	0.072	0.025	0.03	25.2	8.3	0.19	630	1.37	0.008	0.403	38.4	0.114	20.9	-0.001	-0.002	4.73	-0.001	-0.01	3	3.18
E020131	0.084	0.025	0.04	12.9	17.9	0.33	378	1.48	0.01	1.2	17.85	0.055	97.6	-0.001	-0.002	9.29	-0.001	0.01	1.755	2.29
E020132	0.078	0.021	0.04	11.1	18.1	0.31	269	1.29	0.008	1.07	19.25	0.034	31.9	-0.001	-0.002	6.3	-0.001	-0.01	1.155	2.14
E020133	0.074	0.024	0.04	11.35	14.5	0.28	432	1.41	0.008	1.115	18.4	0.047	31	-0.001	-0.002	8.44	-0.001	-0.01	1.245	2.06
E020134	0.034	0.018	0.03	13.15	7	0.14	127.5	1.91	0.006	1.445	8.16	0.02	15.35	-0.001	-0.002	5.58	-0.001	-0.01	0.759	1.675

Sample Number	Se_ME_MS41L_ppm	Sn_ME_MS41L_ppm	Sr_ME_MS41L_ppm	Ta_ME_MS41L_ppm	Te_ME_MS41L_ppm	Th_ME_MS41L_ppm	Ti_ME_MS41L_pct	Tl_ME_MS41L_ppm	U_ME_MS41L_ppm	V_ME_MS41L_ppm	W_ME_MS41L_ppm	Y_ME_MS41L_ppm	Zn_ME_MS41L_ppm	Zr_ME_MS41L_ppm	Ag_Ag_OG46_ppm	Certificate	Date Received	Date Finalized
E020124	0.7	0.28	13.55	-0.005	0.06	4.03	0.045	0.086	0.995	40.8	0.327	6.01	91	1.23	0	WH13163141	03/09/2013	
E020125	0.6	0.51	10.55	-0.005	0.04	0.442	0.038	0.135	0.926	53.5	0.439	2.92	87.8	0.52	0	WH13163141	03/09/2013	23/09/2013
E020126	0.8	0.63	14.05	-0.005	0.03	0.094	0.03	0.135	0.453	54.5	0.36	2.28	62.4	0.18	0	WH13163141	03/09/2013	23/09/2013
E020127	0.8	0.43	10.45	0.007	0.02	4.58	0.042	0.105	0.777	47.8	0.251	3.65	68.6	2.95	0	WH13163141	03/09/2013	23/09/2013
E020128	0.4	0.94	4.62	0.007	0.02	2.31	0.056	0.069	0.326	65.5	0.249	1.45	18.9	0.47	0	WH13163141	03/09/2013	23/09/2013
E020129	0.7	0.54	7.2	-0.005	0.05	1.915	0.049	0.126	0.475	58	0.353	1.885	41.5	0.59	0	WH13163141	03/09/2013	23/09/2013
E020130	1	0.25	11.2	-0.005	0.04	6.41	0.027	0.083	0.976	25.7	0.173	11.1	181	1.65	0	WH13163141	03/09/2013	23/09/2013
E020131	0.9	0.51	9.96	-0.005	0.03	1.6	0.045	0.139	0.805	55.2	0.382	3.47	105.5	0.45	0	WH13163141	03/09/2013	23/09/2013
E020132	0.6	0.4	8.97	-0.005	0.02	2.07	0.044	0.078	0.498	47	0.345	2.78	75.9	0.77	0	WH13163141	03/09/2013	23/09/2013
E020133	0.7	0.4	8.2	0.008	0.03	2.39	0.048	0.095	0.597	46.8	0.362	2.96	83.5	0.96	0	WH13163141	03/09/2013	23/09/2013
E020134	0.5	0.87	6.22	-0.005	0.03	2.17	0.043	0.125	0.506	68.8	0.269	2.52	34.8	0.29	0	WH13163141	03/09/2013	23/09/2013

**Appendix 6**  
**Statement of Qualifications**

Jared Chipman

I Jared Chipman do hereby certify the following:

1. That I am a professional geologist registered with the Association of Professional Geoscientists of Nova Scotia (APGNS). Member # 180
2. That I am employed as a geologist by Alexco Resource Corp.
3. That I am a graduate in geology holding a BSc (Hons) from Saint Mary's University in Nova Scotia, Canada and an MSc from Queens University in Ontario, Canada.
4. That I have been practicing geology in Canada for approximately 7 years.
5. That I am a member of the Society of Economic Geologists.
6. That I was involved in the supervision of this work conducted in August of 2013.
7. That I have no interest in the property described herein, nor do I expect to receive any such interest.

Dated at Elsa, Yukon on this \_\_\_\_\_ day of \_\_\_\_\_, 2014